

1982 - 1991 Corvette: Service Bulletin: Evaluating Peened Spacer Plate (Service Information)

Subject: EVALUATING PEENED SPACER PLATE (Service Information)

Model and Year: 1982-1991 ALL PASSENGER CARS AND TRUCKS WITH AUTOMATIC TRANSAXLES AND TRANSMISSIONS (EXCEPT GEO)

Source: Chevrolet Service Bulletin

Bulletin Number: 91-396-7A - (08/08/1991)

TRANSMISSION APPLICATIONS: All HYDRA-MATIC Automatic Transmissions and Transaxles

TRANSMISSION MODELS: All

BULLETIN COVERS: Some spacer plate peening is considered acceptable and preferred because it can help seat the check ball. This bulletin will help you decide if a spacer plate needs to be replaced due to a peening condition.

SERVICE PROCEDURE: The following two procedures can help determine if the spacer plate can be reused. The following must be performed at all check-ball locations.

1. The spacer plate must be inspected 100% for raised material on the opposite side of the check-ball seat (see Figure 1) . If the material on the opposite side is raised, the peening is too severe and the spacer plate must be replaced.
2. To verify that the spacer plate is peening evenly and the ball is sealing correctly, seat the check-ball on the spacer plate. Shine a beam of light on the opposite side and inspect for light between the spacer plate and check-ball (see Figure 2). No trace of light should be present. If light can be seen, a proper seal does not exist, and the spacer plate must be replaced.

SERVICE MANUAL REFERENCE:

Refer to the HYDRA-MATIC Automatic Transaxle/Transmission Diagnosis or Unit Repair section of your service manual for proper check-ball locations and functions.

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